

# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
<b>First Professional Degree</b>							
Chiropractors	320	430	10	10	20	\$10.10	\$14.80
Dentists	1,120	1,460	30	30	60	\$25.10	\$48.20
Family and General Practitioners	1,130	1,410	30	20	50	\$37.60	\$56.60
Lawyers	3,860	5,210	140	30	160	\$30.50	\$49.20
Pharmacists	1,780	2,740	100	50	150	\$29.20	\$35.80
Surgeons	490	630	10	10	20	\$52.10	\$64.00
Veterinarians	360	500	10	10	20	\$15.80	\$28.50

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
<b>Doctoral Degree</b>							
Art, Drama, and Music Teachers, Postsecondary	390	530	10	10	30	32,100	51,300 *
Biochemists and Biophysicists	180	280	10	10	20	\$18.90	\$28.10
Biological Science Teachers, Postsecondary	270	360	10	10	20	42,300	66,500 *
Business Teachers, Postsecondary	460	630	20	10	30	39,300	62,800 *
Computer and Information Scientists, Research	390	580	20	0	20	\$21.80	\$32.30
Computer Science Teachers, Postsecondary	240	330	10	10	20	38,800	71,900 *
Education Teachers, Postsecondary	320	440	10	10	20	33,000	50,200 *
Engineering Teachers, Postsecondary	430	580	20	10	30	44,300	76,100 *
English Language and Literature Teachers, Postsecondary	330	450	10	10	20	36,700	51,000 *
Mathematical Science Teachers, Postsecondary	310	420	10	10	20	39,800	70,400 *
Medical Scientists, Except Epidemiologists	820	1,260	40	20	60		

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
<b>Master's Degree</b>							
Clinical, Counseling, and School Psychologists	1,460	2,140	70	40	110	\$15.20	\$21.20
Educational, Vocational, and School Counselors	1,850	2,630	80	40	120	\$10.40	\$16.50
Instructional Coordinators	1,100	1,540	40	20	60	\$10.10	\$16.20
Librarians	1,180	1,500	30	30	60	\$11.30	\$18.30
Mental Health and Substance Abuse Social Workers	590	860	30	10	30	\$12.90	\$17.60
Mental Health Counselors	820	1,130	30	20	50	\$8.90	\$14.50
Nursing Instructors and Teachers, Postsecondary	270	370	10	10	20	40,500	54,800 *
Operations Research Analysts	2,460	3,160	70	80	150		
Physical Therapists	900	1,250	30	20	60	\$18.30	\$25.40
Rehabilitation Counselors	590	760	20	10	30	\$8.00	\$14.00
Speech-Language Pathologists	570	900	30	20	50	\$14.00	\$21.10
Substance Abuse and Behavioral Disorder Counselors	480	710	20	10	30	\$8.40	\$13.30
Urban and Regional Planners	250	350	10	10	20	\$14.80	\$22.00

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
<b>Work experience plus bachelor's or higher degree</b>							
Administrative Services Managers	2,550	3,330	80	40	120	\$12.20	\$22.70
Advertising and Promotions Managers	1,050	1,490	40	20	60	\$13.30	\$23.30
Chief Executives	4,380	5,630	120	140	260	\$23.70	\$47.50
Computer and Information Systems Managers	2,040	3,160	110	40	150	\$19.00	\$33.80
Education Administrators, Elementary and Secondary School	1,370	1,870	50	40	90	57,600	66,900 *
Education Administrators, Postsecondary	1,010	1,250	20	30	50	\$17.40	\$28.30
Education Administrators, Preschool and Child Care Center/Program	330	470	20	10	20	\$9.90	\$18.00
Engineering Managers	2,420	2,800	40	40	80	\$26.20	\$37.30
Farm, Ranch, and Other Agricultural Managers	2,870	2,890	0	30	40	\$17.10	\$23.60
Financial Managers	5,600	7,130	150	90	240	\$15.00	\$29.00
General and Operations Managers	17,140	21,360	420	290	710	\$15.20	\$30.40
Human Resources Managers	1,480	1,810	30	30	60	\$16.50	\$27.10
Legislators	1,150	1,620	50	40	80	\$6.00	\$9.80
Management Analysts	2,210	3,180	100	20	120	\$18.40	\$31.30
Marketing Managers	1,960	2,730	80	30	110	\$20.10	\$34.50
Medical and Health Services Managers	1,640	2,460	80	30	110	\$18.00	\$29.70
Natural Sciences Managers	720	870	10	10	30	\$20.60	\$32.10
Producers and Directors	300	410	10	10	20	20,000	45,000 *
Purchasing Managers	780	830	0	30	30	\$14.80	\$26.30
Sales Managers	3,300	4,610	130	50	180	\$16.20	\$29.80
Sales Managers	580	870	30	10	40	\$16.20	\$29.80

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

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## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
<b>Bachelor's degree</b>							
Accountants and Auditors	7,300	9,470	220	110	330	\$13.80	\$20.80
Airline Pilots, Copilots, and Flight Engineers	1,550	1,540	0	40	40		
Architects, Except Landscape and Naval	390	530	10	0	20		
Budget Analysts	510	630	10	10	20	\$17.50	\$23.70
Chemists	540	730	20	20	40	\$15.80	\$23.40
Child, Family, and School Social Workers	2,460	3,400	90	30	120	\$10.20	\$15.80
Civil Engineers	1,200	1,470	30	20	50	\$18.80	\$26.80
Commercial and Industrial Designers	580	860	30	10	40	\$12.80	\$20.40
Compensation, Benefits, and Job Analysis Specialists	640	850	20	10	30	\$14.20	\$20.40
Computer Hardware Engineers	800	1,010	20	10	30	\$18.70	\$28.70
Computer Programmers	4,480	5,290	80	100	180	\$18.10	\$27.80
Computer Software Engineers, Applications	3,850	7,630	380	30	400	\$22.60	\$34.30
Computer Software Engineers, Systems Software	1,870	3,470	160	10	170		
Computer Systems Analysts	3,610	5,690	210	30	240	\$18.80	\$25.90
Construction Managers	2,440	3,290	90	40	130	\$18.40	\$28.70
Cost Estimators	1,580	2,020	40	40	80	\$13.10	\$22.10
Credit Analysts	590	750	20	10	30	\$10.90	\$20.30
Database Administrators	680	1,160	50	0	50	\$17.50	\$26.80
Dietitians and Nutritionists	310	420	10	10	20	\$14.00	\$18.50
Editors	910	1,290	40	30	70	25,400	42,900 *
Electrical Engineers	680	790	10	10	20	\$22.20	\$31.50
Electronics Engineers, Except Computer	920	950	0	20	20	\$24.20	\$30.20
Elementary School Teachers, Except Special Education	10,230	14,000	380	230	610	26,500	37,400 *
Employment, Recruitment, and Placement Specialists	1,090	1,310	20	20	40	\$12.40	\$18.90
Environmental Engineers	290	410	10	10	20	\$20.60	\$27.60
Environmental Scientists and Specialists, Including Health	640	880	20	20	50	\$16.80	\$22.60
Financial Analysts	710	920	20	10	30	\$17.00	\$33.30
Financial Examiners	350	450	10	10	20	\$13.40	\$22.30
Graduate Teaching Assistants	1,630	2,210	60	50	100		
Graphic Designers	1,520	2,150	60	20	80	\$10.90	\$16.70
Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	700	1,080	40	10	50		
Industrial Engineers	1,050	1,190	20	20	30	\$19.10	\$27.30

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

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## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
Industrial Production Managers	1,660	1,950	30	30	60	\$18.10	\$29.80
Insurance Sales Agents	2,820	3,750	90	80	170	\$14.10	\$23.80
Kindergarten Teachers, Except Special Education	560	770	20	10	30	21,700	33,400 *
Law Clerks	640	760	10	10	20	\$9.40	\$14.00
Loan Officers	2,880	3,730	90	60	140	\$12.90	\$20.30
Market Research Analysts	620	800	20	10	30	\$13.30	\$23.40
Mechanical Engineers	1,660	1,990	30	50	80	\$21.70	\$29.10
Medical and Clinical Laboratory Technologists	1,000	1,320	30	20	60	\$13.30	\$19.10
Medical and Public Health Social Workers	520	760	20	10	30	\$11.20	\$18.90
Meeting and Convention Planners	420	580	20	10	20	\$10.50	\$15.00
Middle School Teachers, Except Special and Vocational Education	5,410	7,180	180	120	300	27,800	38,900 *
Multi-Media Artists and Animators	1,670	2,310	60	40	110	\$11.40	\$18.70
Network and Computer Systems Administrators	1,610	2,920	130	10	140	\$16.90	\$24.30
Network Systems and Data Communications Analysts	1,110	1,910	80	10	80	\$15.40	\$24.50
Occupational Therapists	510	700	20	10	30	\$12.90	\$21.60
Personal Financial Advisors	800	1,030	20	10	30	\$14.90	\$25.00
Physician Assistants	370	520	20	10	20	\$21.70	\$31.80
Preschool Teachers, Except Special Education	4,770	6,240	150	60	210	\$7.30	\$9.40
Probation Officers and Correctional Treatment Specialists	1,240	1,760	50	20	70	\$11.60	\$15.30
Property, Real Estate, and Community Association Managers	1,910	2,890	100	40	130	\$7.10	\$16.10
Public Relations Specialists	930	1,390	50	20	60	\$13.30	\$19.70
Purchasing Agents, Except Wholesale, Retail, and Farm Products	1,750	2,120	40	40	70	\$14.30	\$21.20
Recreation Workers	3,120	4,470	140	70	200	\$6.00	\$8.70
Recreational Therapists	340	460	10	10	20	\$8.20	\$13.30
Sales Engineers	2,190	2,940	80	60	130		
Secondary School Teachers, Except Special and Vocational Education	7,180	10,300	310	220	530	30,500	44,600 *
Securities, Commodities, and Financial Services Sales Agents	3,470	3,420	0	30	30	\$15.40	\$29.80
Social and Community Service Managers	1,450	2,070	60	30	90	\$13.60	\$21.90
Special Education Teachers, Preschool, Kindergarten, and Elementary School	1,030	1,710	70	10	80	27,500	37,000 *
Special Education Teachers, Secondary School	1,060	1,590	50	10	70	29,100	41,400 *
Survey Researchers	390	590	20	10	30	\$8.30	\$10.10
Surveyors	550	680	10	20	30	\$9.70	\$17.80

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

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## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
Tax Examiners, Collectors, and Revenue Agents	1,540	1,790	30	40	70	\$13.10	\$16.50
Technical Writers	490	620	10	20	30	\$15.60	\$22.10
Training and Development Specialists	1,650	2,140	50	30	80	\$10.50	\$18.30
Vocational Education Teachers, Secondary School	690	940	30	20	50	31,000	41,600 *
Wholesale and Retail Buyers, Except Farm Products	1,070	1,160	10	30	40	\$10.00	\$20.10
Writers and Authors	1,280	1,840	60	30	80	\$8.80	\$14.90

\*Annual Wage.

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# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
<b>Associate Degree</b>							
Biological Technicians	460	590	10	10	20	\$9.00	\$13.70
Cardiovascular Technologists and Technicians	220	380	20	10	20		
Chemical Technicians	410	540	10	10	20	\$11.00	\$16.40
Civil Engineering Technicians	580	680	10	10	20	\$12.90	\$18.00
Computer Support Specialists	8,330	16,890	860	40	890	\$8.20	\$12.40
Dental Hygienists	820	1,080	30	10	40		
Electrical and Electronic Engineering Technicians	2,300	2,690	40	50	90	\$8.80	\$17.50
Environmental Science and Protection Technicians, Including Health	290	410	10	10	20	\$11.90	\$18.20
Forest and Conservation Technicians	490	580	10	20	30	\$9.60	\$12.80
Industrial Engineering Technicians	710	800	10	20	20	\$12.40	\$19.00
Mechanical Engineering Technicians	760	930	20	20	30	\$15.50	\$20.00
Medical and Clinical Laboratory Technicians	1,240	1,630	40	30	70	\$7.80	\$10.90
Medical Records and Health Information Technicians	1,040	1,520	50	20	70	\$8.30	\$11.20
Paralegals and Legal Assistants	850	1,250	40	10	50	\$13.40	\$18.40
Physical Therapist Assistants	250	350	10	10	20	\$11.70	\$15.00
Radiologic Technologists and Technicians	1,060	1,460	40	20	60	\$14.00	\$17.20
Registered Nurses	14,100	20,110	600	290	890	\$17.60	\$22.00
Respiratory Therapists	460	800	30	10	50		
Semiconductor Processors	840	1,090	30	20	40		
Veterinary Technologists and Technicians	240	360	10	10	20	\$7.00	\$9.20

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.



# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
<b>Postsecondary Vocational Training</b>							
Aircraft Mechanics and Service Technicians	700	820	10	20	30	\$14.50	\$19.70
Aircraft Mechanics and Service Technicians, FAA Certified	860	870	0	20	20		
Appraisers and Assessors of Real Estate	860	1,270	40	30	70	\$9.50	\$17.20
Architectural and Civil Drafters	610	790	20	20	40	\$11.00	\$16.10
Automotive Service Technicians and Mechanics	6,440	8,720	230	160	390	\$9.00	\$14.90
Barbers	250	320	10	10	20		
Bus and Truck Mechanics and Diesel Engine Specialists	4,410	5,580	120	110	230	\$10.70	\$15.50
Chefs and Head Cooks	920	1,060	20	30	40	\$7.20	\$10.70
Computer, Automated Teller, and Office Machine Repairers	1,590	1,820	20	20	40	\$12.20	\$18.80
Desktop Publishers	240	450	20	0	30	\$9.30	\$13.00
Electric Motor, Power Tool, and Related Repairers	470	520	10	10	20	\$10.10	\$16.80
Electrical and Electronics Drafters	390	480	10	10	20	\$11.20	\$18.30
Electrical and Electronics Repairers, Commercial and Industrial Equipment	880	860	0	20	20	\$13.60	\$18.70
Electronic Home Entertainment Equipment Installers and Repairers	880	960	10	20	30	\$10.90	\$13.80
Emergency Medical Technicians and Paramedics	1,430	2,170	70	40	110	\$7.50	\$10.10
Farm Equipment Mechanics	520	610	10	10	20		
Fitness Trainers and Aerobics Instructors	2,150	3,350	120	50	170	\$8.90	\$17.10
Hairdressers, Hairstylists, and Cosmetologists	4,200	6,540	230	120	360	\$7.30	\$10.00
Jewelers and Precious Stone and Metal Workers	670	950	30	20	50		
Legal Secretaries	1,910	2,470	60	30	90	\$11.70	\$14.70
Licensed Practical and Licensed Vocational Nurses	3,210	4,140	90	80	180	\$10.90	\$14.10
Massage Therapists	390	590	20	10	30	\$8.50	\$17.90
Mechanical Drafters	650	800	20	20	40	\$13.40	\$19.20
Medical Secretaries	1,850	2,440	60	30	90	\$9.00	\$11.50
Medical Transcriptionists	450	620	20	10	30	\$8.80	\$12.00
Mobile Heavy Equipment Mechanics, Except Engines	1,470	1,760	30	40	70	\$12.80	\$17.10
Psychiatric Technicians	1,220	1,630	40	30	70	\$8.30	\$9.70
Real Estate Sales Agents	1,070	1,510	40	20	70	\$8.80	\$17.60
Skin Care Specialists	240	340	10	10	20	\$9.00	\$15.80
Sound Engineering Technicians	350	410	10	10	20	\$6.20	\$10.40
Surgical Technologists	490	750	30	10	40	\$10.20	\$13.70
Telecommunications Equipment Installers and Repairers, Except Line Installers	2,140	2,010	0	40	40	\$18.50	\$22.80
Travel Agents	1,050	1,210	20	30	40	\$7.70	\$12.20
Welders, Cutters, Solderers, and Brazers	4,130	5,320	120	120	240	\$10.20	\$13.70

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

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# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
<b>Work Experience in a Related Occupation</b>							
Concierges	230	320	10	10	20	\$7.10	\$9.00
Construction and Building Inspectors	410	510	10	10	20	\$13.90	\$18.50
Detectives and Criminal Investigators	430	600	20	10	30	\$15.00	\$21.00
First-Line Supervisors/Managers of Construction Trades and Extraction Workers	7,070	9,800	270	180	460	\$14.80	\$20.60
First-Line Supervisors/Managers of Correctional Officers	340	510	20	10	20	\$18.00	\$21.30
First-Line Supervisors/Managers of Fire Fighting and Prevention Workers	470	620	20	20	30	\$17.30	\$24.60
First-Line Supervisors/Managers of Food Preparation and Serving Workers	6,570	7,910	130	170	300	\$9.20	\$11.80
First-Line Supervisors/Managers of Helpers, Laborers, and Material Movers, Hand	1,300	1,610	30	30	60	\$11.70	\$17.00
First-Line Supervisors/Managers of Housekeeping and Janitorial Workers	1,630	2,310	70	50	110	\$9.10	\$13.40
First-Line Supervisors/Managers of Landscaping, Lawn Service, and Groundskeeping Workers	1,130	1,590	50	10	50	\$10.90	\$14.90
First-Line Supervisors/Managers of Mechanics, Installers, and Repairers	3,580	4,490	90	90	190	\$12.60	\$20.90
First-Line Supervisors/Managers of Non-Retail Sales Workers	3,460	4,110	70	60	120	\$12.10	\$21.70
First-Line Supervisors/Managers of Office and Administrative Support Workers	9,700	12,000	230	190	420	\$11.10	\$17.20
First-Line Supervisors/Managers of Personal Service Workers	820	1,130	30	30	60	\$8.30	\$13.50
First-Line Supervisors/Managers of Police and Detectives	900	1,250	40	20	60	\$20.80	\$25.90
First-Line Supervisors/Managers of Production and Operating Workers	6,030	6,600	60	160	220	\$12.30	\$19.20
First-Line Supervisors/Managers of Retail Sales Workers	14,970	19,340	440	240	680	\$9.20	\$14.70
First-Line Supervisors/Managers of Transportation and Material-Moving Machine and Vehicle Operators	1,490	1,890	40	30	70	\$11.30	\$19.20
Food Service Managers	3,590	4,550	100	50	140	\$9.90	\$15.00
Graders and Sorters, Agricultural Products	720	830	10	20	30	\$7.40	\$9.10
Lodging Managers	570	860	30	10	40	\$11.50	\$16.40
Mine Cutting and Channeling Machine Operators	550	650	10	20	30		
New Accounts Clerks	610	750	20	10	30	\$9.50	\$10.60
Railroad Conductors and Yardmasters	450	550	10	20	30	\$17.80	\$22.30
Real Estate Brokers	300	430	10	10	20	\$14.30	\$31.10
Self-Enrichment Education Teachers	890	1,250	40	10	50	\$7.70	\$11.70
Transportation, Storage, and Distribution Managers	1,190	1,580	40	20	60	\$17.30	\$27.20
Vocational Education Teachers, Postsecondary	1,920	2,650	70	50	130	\$13.20	\$19.40

\*Annual Wage.

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	2000	2010	Growth	Replacements	Total	Entry	Average
<b>Long-Term On-the-Job Training</b>							
Actors	1,940	2,780	80	40	130		
Air Traffic Controllers	410	470	10	20	20	\$31.50	\$42.30
Athletes and Sports Competitors	850	1,130	30	20	50	22,500	32,500 *
Audio and Video Equipment Technicians	860	1,100	20	30	50	\$9.50	\$12.00
Automotive Body and Related Repairers	1,440	1,830	40	40	80	\$10.10	\$16.20
Bakers	1,860	2,440	60	30	90	\$7.00	\$10.40
Brickmasons and Blockmasons	1,310	1,710	40	30	70	\$18.00	\$25.10
Butchers and Meat Cutters	1,060	1,130	10	30	30	\$9.30	\$13.50
Cabinetmakers and Bench Carpenters	2,380	2,770	40	80	120	\$8.00	\$11.30
Carpenters	16,310	20,820	450	300	750	\$11.00	\$15.40
Cement Masons and Concrete Finishers	3,130	3,650	50	30	80	\$9.80	\$14.60
Chemical Plant and System Operators	310	380	10	10	20	\$14.70	\$17.20
Claims Adjusters, Examiners, and Investigators	900	1,260	40	10	50	\$12.60	\$20.90
Coaches and Scouts	630	830	20	10	30	19,000	39,500 *
Compliance Officers, Except Agriculture, Construction, Health and Safety, and Transportation	950	1,230	30	20	50	\$14.00	\$20.00
Computer-Controlled Machine Tool Operators, Metal and Plastic	910	1,190	30	30	60	\$10.60	\$14.00
Cooks, Institution and Cafeteria	3,870	4,750	90	110	200	\$6.60	\$8.80
Cooks, Restaurant	4,060	5,170	110	120	230	\$7.50	\$9.20
Dental Laboratory Technicians	460	600	10	10	30	\$7.50	\$11.20
Electrical Power-Line Installers and Repairers	990	1,170	20	30	50	\$14.20	\$21.70
Electricians	6,660	8,780	210	130	340	\$12.90	\$18.60
Farmers and Ranchers	13,360	8,600	0	110	110		
Farmworkers and Laborers, Crop, Nursery, and Greenhouse	1,280	1,520	20	40	70		
Fine Artists, Including Painters, Sculptors, and Illustrators	360	500	10	10	20		
Fire Fighters	2,870	3,850	100	70	170	\$7.80	\$13.00
Flight Attendants	1,250	1,380	10	40	60		
Furniture Finishers	420	490	10	20	30	\$8.50	\$12.60
Glaziers	730	910	20	10	30	\$10.40	\$15.40
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	2,590	3,680	110	30	140	\$11.30	\$16.30
Industrial Machinery Mechanics	1,630	1,870	20	50	70	\$14.60	\$19.90

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
Interpreters and Translators	350	480	10	10	20	\$8.30	\$12.50
Job Printers	550	720	20	10	30	\$9.30	\$14.60
Machinists	3,010	3,390	40	60	100	\$11.40	\$16.00
Maintenance and Repair Workers, General	8,720	10,330	160	110	270	\$8.70	\$13.70
Maintenance Workers, Machinery	1,070	1,260	20	30	50	\$11.10	\$15.90
Medical Appliance Technicians	1,190	1,530	30	30	70	\$8.80	\$11.70
Musicians and Singers	420	610	20	10	30	12,700	37,900 *
News Analysts, Reporters and Correspondents	420	490	10	10	20	\$11.00	\$19.20
Opticians, Dispensing	520	680	20	10	30	\$8.20	\$10.60
Photographers	460	680	20	10	30	\$8.60	\$15.90
Plasterers and Stucco Masons	1,400	1,810	40	30	70	\$10.90	\$15.10
Plumbers, Pipefitters, and Steamfitters	4,040	5,120	110	70	180	\$13.30	\$19.10
Police and Sheriff's Patrol Officers	3,600	5,510	190	80	270	\$13.30	\$17.20
Power Plant Operators	500	540	0	20	20	\$17.60	\$23.40
Prepress Technicians and Workers	870	890	0	20	20	\$7.60	\$12.50
Structural Iron and Steel Workers	770	1,010	20	10	30	\$12.30	\$17.90
Telecommunications Line Installers and Repairers	910	1,130	20	20	40	\$9.80	\$14.40
Tile and Marble Setters	450	600	20	10	30	\$10.60	\$17.20
Travel Guides	330	430	10	10	20	\$11.20	\$13.80
Upholsterers	600	590	0	20	20		
Water and Liquid Waste Treatment Plant and System Operators	800	1,140	30	30	60	\$12.90	\$16.40

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
<b>Moderate-Term On-the-Job Training</b>							
Advertising Sales Agents	1,650	2,210	60	30	90	\$10.10	\$18.00
Animal Control Workers	160	230	10	10	20	\$8.00	\$12.00
Bindery Workers	1,070	1,350	30	30	60	\$6.80	\$9.60
Bookkeeping, Accounting, and Auditing Clerks	13,550	15,540	200	270	460	\$8.70	\$12.30
Bus Drivers, Transit and Intercity	960	1,210	30	20	50		
Camera Operators, Television, Video, and Motion Picture	430	610	20	10	30	\$7.60	\$12.30
Cargo and Freight Agents	670	760	10	10	20	\$9.40	\$12.90
Carpet Installers	580	780	20	10	30	\$8.90	\$13.30
Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	880	1,070	20	20	40	\$8.80	\$11.40
Computer Operators	1,830	1,610	0	30	30	\$8.20	\$13.00
Construction Laborers	7,150	9,390	220	70	290	\$8.20	\$11.20
Continuous Mining Machine Operators	370	390	0	10	20		
Control and Valve Installers and Repairers, Except Mechanical Door	660	740	10	20	30	\$14.20	\$18.60
Correctional Officers and Jailers	2,050	3,080	100	50	150	\$12.40	\$14.90
Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	870	1,000	10	20	30	\$10.60	\$15.70
Customer Service Representatives	21,410	31,080	970	180	1,150	\$8.60	\$11.30
Cutting and Slicing Machine Setters, Operators, and Tenders	770	870	10	10	20	\$8.00	\$11.40
Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	920	930	0	20	20	\$8.80	\$11.30
Data Entry Keyers	5,580	6,180	60	90	150	\$7.80	\$9.90
Demonstrators and Product Promoters	1,060	1,370	30	40	70	\$8.60	\$10.70
Dental Assistants	3,340	4,410	110	60	170	\$7.50	\$9.80
Dietetic Technicians	220	310	10	10	20	\$6.50	\$9.10
Dispatchers, Except Police, Fire, and Ambulance	1,730	2,150	40	30	70	\$11.30	\$17.30
Drywall and Ceiling Tile Installers	2,230	2,790	60	20	80	\$10.80	\$14.50
Excavating and Loading Machine and Dragline Operators	570	770	20	20	40	\$11.60	\$15.90
Executive Secretaries and Administrative Assistants	10,670	12,960	230	180	410	\$11.00	\$14.90
Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	830	930	10	20	30	\$9.50	\$12.20
Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	720	890	20	20	30	\$7.70	\$10.70
Fence Erectors	550	670	10	10	20		

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
Floral Designers	810	1,030	20	10	30	\$6.80	\$9.10
Grinding and Polishing Workers, Hand	570	710	10	10	30	\$8.00	\$10.40
Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	910	1,020	10	20	30	\$7.70	\$10.50
Hazardous Materials Removal Workers	230	350	10	10	20	\$12.20	\$15.80
Highway Maintenance Workers	850	1,090	20	10	40	\$11.50	\$15.40
Inspectors, Testers, Sorters, Samplers, and Weighers	3,180	3,200	0	70	70	\$8.80	\$14.10
Insulation Workers	610	780	20	20	40		
Insurance Claims and Policy Processing Clerks	1,750	1,660	0	30	30	\$9.60	\$12.30
Laundry and Dry-Cleaning Workers	1,480	1,690	20	40	60	\$6.70	\$8.10
Medical Assistants	2,860	3,990	110	80	190	\$8.20	\$10.10
Merchandise Displayers and Window Trimmers	600	710	10	10	20	\$7.40	\$10.60
Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic	720	710	0	20	20	\$9.00	\$11.40
Mixing and Blending Machine Setters, Operators, and Tenders	760	970	20	20	40	\$8.30	\$11.30
Molders, Shapers, and Casters, Except Metal and Plastic	360	430	10	10	20	\$7.90	\$11.20
Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	750	920	20	20	30	\$8.50	\$10.80
Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	670	800	10	10	20	\$9.50	\$13.70
Operating Engineers and Other Construction Equipment Operators	4,070	4,920	90	90	180	\$12.10	\$16.10
Outdoor Power Equipment and Other Small Engine Mechanics	300	400	10	10	20	\$7.70	\$10.80
Painters, Construction and Maintenance	3,980	5,560	160	80	240	\$9.60	\$13.30
Paper Goods Machine Setters, Operators, and Tenders	1,290	1,440	10	30	40	\$9.20	\$12.10
Parts Salespersons	1,980	2,220	20	60	80	\$8.90	\$12.90
Paving, Surfacing, and Tamping Equipment Operators	390	500	10	10	20	\$12.50	\$15.60
Pest Control Workers	860	1,240	40	20	60		
Pharmacy Technicians	1,710	2,770	110	40	150	\$9.50	\$11.90
Pipelayers	1,260	1,640	40	20	60	\$9.50	\$12.70
Police, Fire, and Ambulance Dispatchers	600	840	20	10	30	\$10.70	\$13.40
Printing Machine Operators	1,630	1,750	10	40	50	\$9.10	\$13.30
Residential Advisors	250	350	10	10	20	\$7.50	\$9.30
Roofers	1,610	2,260	70	40	110	\$8.10	\$12.40
Roustabouts, Oil and Gas	530	440	0	20	20	\$8.40	\$12.10

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	12,350	14,400	210	340	550	\$12.50	\$22.20
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	4,270	5,000	70	120	190	\$16.60	\$27.70
Sawing Machine Setters, Operators, and Tenders, Wood	410	470	10	20	20	\$7.20	\$10.20
Secretaries, Except Legal, Medical, and Executive	11,480	13,010	150	200	350	\$8.50	\$11.20
Sewing Machine Operators	2,000	1,560	0	20	20	\$7.00	\$9.70
Sheet Metal Workers	1,980	2,550	60	40	100		
Slaughterers and Meat Packers	420	500	10	10	20		
Social and Human Service Assistants	3,460	5,660	220	50	270	\$7.40	\$10.50
Structural Metal Fabricators and Fitters	1,290	1,560	30	20	50	\$9.50	\$13.30
Surveying and Mapping Technicians	670	920	30	20	50	\$10.70	\$13.90
Tapers	1,130	1,410	30	10	40	\$13.10	\$17.00
Team Assemblers	14,570	16,770	220	260	480	\$8.00	\$10.60
Title Examiners, Abstractors, and Searchers	930	1,120	20	10	30	\$13.00	\$20.60
Tour Guides and Escorts	350	450	10	10	20	\$7.30	\$9.90
Truck Drivers, Heavy and Tractor-Trailer	18,890	23,410	450	270	720	\$12.00	\$17.30
Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	470	540	10	10	20	\$9.20	\$12.30
Woodworking Machine Setters, Operators, and Tenders, Except Sawing	470	510	0	20	20	\$7.10	\$11.00
Word Processors and Typists	820	800	0	20	20	\$7.90	\$11.40

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
<b>Short-Term On-the-Job Training</b>							
Amusement and Recreation Attendants	2,850	4,130	130	100	220	\$6.00	\$7.00
Baggage Porters and Bellhops	250	340	10	10	20	\$6.10	\$8.80
Bartenders	1,770	2,180	40	70	110	\$5.90	\$7.50
Bill and Account Collectors	5,890	7,970	210	150	360	\$9.50	\$13.00
Billing and Posting Clerks and Machine Operators	4,230	5,020	80	100	180	\$9.10	\$11.80
Bus Drivers, School	3,720	4,610	90	100	180	\$8.00	\$11.30
Cashiers	30,270	38,830	860	1,380	2,230	\$6.00	\$7.50
Child Care Workers	2,350	3,750	140	90	230	\$5.90	\$7.60
Cleaners of Vehicles and Equipment	2,740	3,630	90	110	200	\$6.20	\$8.10
Combined Food Preparation and Serving Workers, Including Fast Food	15,510	21,140	560	950	1,510	\$6.00	\$6.90
Cooks, Fast Food	6,850	7,050	20	200	220	\$5.90	\$6.70
Cooks, Short Order	1,350	1,570	20	40	60	\$6.20	\$7.30
Correspondence Clerks	270	340	10	10	20	\$9.80	\$12.60
Counter and Rental Clerks	4,030	5,440	140	180	330	\$6.20	\$8.60
Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	5,130	6,190	110	400	500	\$6.00	\$7.00
Couriers and Messengers	1,370	1,520	20	40	50	\$6.30	\$8.50
Court, Municipal, and License Clerks	1,230	1,660	40	20	60	\$6.00	\$10.30
Credit Authorizers, Checkers, and Clerks	2,070	2,310	20	20	40	\$8.10	\$12.20
Crossing Guards	990	1,290	30	30	60	\$6.00	\$8.00
Dining Room and Cafeteria Attendants and Bartender Helpers	3,360	3,370	0	110	110	\$6.10	\$6.90
Dishwashers	3,080	3,020	0	120	120	\$6.00	\$7.00
Driver/Sales Workers	3,280	3,750	50	50	90	\$6.00	\$11.60
Electrical and Electronic Equipment Assemblers	1,100	1,040	0	30	30	\$7.90	\$10.60
Electromechanical Equipment Assemblers	390	440	10	10	20	\$9.70	\$12.70
File Clerks	2,120	2,510	40	70	110	\$7.10	\$9.60
Food Batchmakers	790	930	10	20	30	\$7.00	\$10.40
Food Cooking Machine Operators and Tenders	560	640	10	10	20	\$8.60	\$11.10
Food Preparation Workers	7,130	9,050	190	280	470	\$6.10	\$7.90
Food Servers, Nonrestaurant	730	1,020	30	30	60	\$6.10	\$7.50
Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	1,110	1,420	30	60	90	\$8.40	\$11.10
Helpers--Carpenters	2,210	2,710	50	110	160	\$6.50	\$8.30

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.



# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
Helpers--Electricians	430	550	10	20	30	\$8.30	\$11.40
Helpers--Extraction Workers	430	460	0	20	20	\$10.10	\$14.30
Helpers--Installation, Maintenance, and Repair Workers	1,230	1,600	40	60	100	\$7.00	\$10.30
Helpers--Painters, Paperhangers, Plasterers, and Stucco Masons	560	710	20	30	40	\$7.50	\$9.20
Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	580	730	20	30	40	\$7.00	\$9.50
Helpers--Production Workers	4,330	5,130	80	110	190	\$6.90	\$9.10
Helpers--Roofers	320	430	10	20	30	\$8.00	\$9.50
Home Health Aides	2,200	3,110	90	30	120	\$7.10	\$9.40
Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	2,530	3,030	50	80	130	\$6.00	\$7.20
Hotel, Motel, and Resort Desk Clerks	2,050	3,430	140	90	230	\$7.00	\$8.40
Human Resources Assistants, Except Payroll and Timekeeping	1,200	1,510	30	30	60	\$10.40	\$14.10
Industrial Truck and Tractor Operators	4,240	4,960	70	60	130	\$9.20	\$11.90
Interviewers, Except Eligibility and Loan	2,630	4,030	140	60	200	\$6.10	\$7.90
Janitors and Cleaners, Except Maids and Housekeeping Cleaners	17,470	23,100	560	320	880	\$6.30	\$8.70
Laborers and Freight, Stock, and Material Movers, Hand	12,990	15,520	250	440	690	\$7.10	\$9.90
Landscaping and Groundskeeping Workers	6,160	8,790	260	160	420	\$7.10	\$9.50
Library Assistants, Clerical	790	1,040	30	40	60	\$6.20	\$7.60
Library Technicians	1,510	2,150	60	70	130	\$7.10	\$9.70
Locomotive Engineers	460	710	30	20	50	\$19.00	\$22.80
Machine Feeders and Offbearers	890	880	0	30	30	\$6.90	\$10.10
Maids and Housekeeping Cleaners	9,340	13,950	460	210	670	\$6.10	\$7.50
Mail Clerks and Mail Machine Operators, Except Postal Service	2,140	2,240	10	60	70	\$8.10	\$9.70
Meat, Poultry, and Fish Cutters and Trimmers	550	680	10	10	30		
Medical Equipment Preparers	360	490	10	10	20		
Nonfarm Animal Caretakers	610	850	20	10	40	\$6.40	\$9.10
Nursing Aides, Orderlies, and Attendants	8,340	11,800	350	110	450	\$7.60	\$8.70
Office Clerks, General	24,450	30,670	620	470	1,090	\$7.40	\$10.40
Office Machine Operators, Except Computer	1,090	1,170	10	40	50	\$8.10	\$12.30
Order Clerks	3,030	2,990	0	60	60	\$8.70	\$11.60
Packaging and Filling Machine Operators and Tenders	3,560	4,530	100	80	180	\$7.70	\$10.30
Packers and Packagers, Hand	6,750	8,360	160	170	330	\$6.10	\$8.00
Parking Lot Attendants	660	920	30	10	40	\$6.00	\$7.10
Payroll and Timekeeping Clerks	1,280	1,480	20	40	60	\$9.90	\$13.40

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.

# Utah Occupational Projections 2000 - 2010

## Training Levels

	Employment		Annual Job Openings			Hourly Wage	
	2000	2010	Growth	Replacements	Total	Entry	Average
Personal and Home Care Aides	1,410	2,270	90	20	110	\$6.90	\$7.80
Pharmacy Aides	260	350	10	10	20	\$7.40	\$9.90
Physical Therapist Aides	600	840	20	20	40	\$7.20	\$8.60
Postal Service Clerks	630	640	0	10	20	\$16.30	\$18.10
Postal Service Mail Carriers	2,170	2,190	0	70	70	\$16.00	\$18.20
Postal Service Mail Sorters, Processors, and Processing Machine Operators	1,170	1,180	0	30	30	\$9.30	\$14.40
Pressers, Textile, Garment, and Related Materials	510	680	20	10	20	\$6.00	\$7.00
Procurement Clerks	860	820	0	20	20	\$9.70	\$13.80
Production, Planning, and Expediting Clerks	2,540	3,090	60	40	100	\$9.00	\$15.00
Receptionists and Information Clerks	9,630	12,500	290	210	500	\$7.40	\$9.50
Refuse and Recyclable Material Collectors	400	520	10	20	30	\$9.50	\$14.60
Reservation and Transportation Ticket Agents and Travel Clerks	4,320	5,350	100	120	220	\$8.10	\$12.70
Retail Salespersons	34,420	43,970	960	1,320	2,280	\$6.40	\$9.70
Riggers	350	440	10	10	20		
Security Guards	6,160	8,070	190	170	360	\$7.80	\$10.70
Service Station Attendants	560	720	20	30	50	\$6.40	\$9.00
Shipping, Receiving, and Traffic Clerks	6,500	7,600	110	130	240	\$9.30	\$15.50
Stock Clerks and Order Fillers	12,490	15,120	260	450	710	\$7.30	\$10.10
Switchboard Operators, Including Answering Service	1,470	1,400	0	40	40	\$7.40	\$9.50
Taxi Drivers and Chauffeurs	530	740	20	10	30	\$7.00	\$12.40
Teacher Assistants	13,600	19,770	620	290	900	14,400	18,700 *
Telemarketers	7,040	9,110	210	150	360	\$8.10	\$10.50
Tellers	4,280	4,600	30	210	240	\$7.70	\$9.20
Tire Repairers and Changers	900	1,070	20	30	50	\$6.50	\$8.70
Transportation Attendants, Except Flight Attendants and Baggage Porters	210	290	10	10	20	\$6.20	\$8.60
Tree Trimmers and Pruners	850	1,090	20	20	50		
Truck Drivers, Light or Delivery Services	8,250	10,290	210	120	320	\$7.80	\$12.00
Ushers, Lobby Attendants, and Ticket Takers	970	1,140	20	80	90	\$6.00	\$6.50
Veterinary Assistants and Laboratory Animal Caretakers	430	630	20	10	30	\$6.40	\$8.40
Waiters and Waitresses	14,420	17,810	340	810	1,150	\$6.00	\$7.60
Weighers, Measurers, Checkers, and Samplers, Recordkeeping	600	780	20	20	30	\$8.80	\$13.20

\*Annual Wage.

Note: Detail may not add to totals because of the exclusion of small occupations and rounding.

Source: Utah Department of Workforce Services, June 2003.